

Reissue of Patent No: 5,940,793

15. (Amended) ~~A telephone apparatus comprising:~~

a telephone line connection;

a speech recogniser for determining or verifying the identity of the speaker of spoken

words received via the telephone line connection, by reference to recognition

A2 data corresponding to a set of possible speakers; and

means responsive to receipt via the telephone line connection of signals indicating the

origin [or destination] of a telephone call to access stored information identifying

a subset of the set of speakers and to restrict the recogniser operation to that

subset.

17. (Amended) A telephone information apparatus comprising:

telephone line connection;

a speech recogniser for recognising spoken words received via the telephone line

connection, by reference to one of a plurality of stored sets of recognition data;

and

means responsive to receipt via the telephone line connection of signals indicating the

original or destination of a telephone call to access stored information

identifying one of the sets of recognition data and to supply this set to the

recogniser;

[A telephone information apparatus as in claim 16 in which] wherein the stored sets

correspond to different languages or regional accents.

18. (Amended) A telephone information apparatus comprising:

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telephone line connection;

a speech recogniser for recognising spoken words received via the telephone line

connection, by reference to one of a plurality of stored sets of recognition data;

and

means responsive to receipt via the telephone line connection of signals indicating the

original or destination of a telephone call to access stored information

identifying one of the sets of recognition data and to supply this set to the

recogniser;

[A telephone information apparatus as in claim 16 in which] wherein at least two of the sets correspond to the characteristics of different types of telephone apparatus.

Please add the following new claims.

38. (New) A telephone information apparatus comprising:

a telephone line connection;

a speech recogniser for recognising spoken words received via the telephone line

connection, by reference to recognition data representing a set of possible

utterances; and

means responsive to receipt via the telephone line connection of signals indicating the

destination of a telephone call to access stored information identifying a subset

of the set of utterances and to restrict the recogniser operation to that subset.

39. (New) Apparatus as in claim 38, in which the apparatus includes:

a store containing recognition data for all words of the sets, and

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the control means is operable to mark in the recognition data store those items of data therein which correspond to the words not in the subset or those which correspond to words which are in the subset,
whereby the recognition means may ignore all words so marked or, respectively, not marked.

40. (New) Apparatus as in claim 38, in which: the control means is operable to generate recognition data for each word of the subset.

41. (New) A telephone apparatus comprising:
a telephone line connection;
a speech recogniser for determining or verifying the identity of the speaker of spoken words received via the telephone line connection, by reference to recognition data corresponding to a set of possible speakers; and
means responsive to receipt via the telephone line connection of signals indicating the destination of a telephone call to access stored information identifying a subset of the set of speakers and to restrict the recogniser operation to that subset.

42. (New) A telephone information apparatus comprising:
telephone line connection;
a speech recogniser for recognising spoken words received via the telephone line connection, by reference to one of a plurality of stored sets of recognition data;
and

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means responsive to receipt via the telephone line connection of signals indicating the destination of a telephone call to access stored information identifying one of the sets of recognition data and to supply this set to the recogniser.

43. (New) A telephone information apparatus as in claim 42 in which the stored sets correspond to different languages or regional accents.

44. (New) A telephone information apparatus as in claim 42 in which at least two of the sets correspond to the characteristics of different types of telephone apparatus.

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45. (New) A telephone information apparatus as in claim 42 in which one of the sets corresponds to the characteristics of a mobile telephone channel.

46. (New) A method comprising:
recognizing received spoken words by reference to recognition data representing a set of possible utterances; and
responsive to receipt of signals indicating the origin of the spoken words, accessing stored information identifying a subset of the set of utterances and restricting the recognizing operation to that subset.

47. (New) A method comprising:
determining or verifying the identity of the speaker of received spoken words by reference to recognition data corresponding to a set of possible speakers; and

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responsive to receipt of signals indicating the origin of the spoken words, accessing
stored information identifying a subset of the set of speakers and restricting the
recognizing operation to that subset.

48. (New) An apparatus comprising:

a speech recognizer for recognizing received spoken words by reference to recognition
data representing a set of possible utterances; and

means responsive to receipt of signals indicating the origin of the spoken words to
access stored information identifying a subset of the set of utterances and to
restrict the recognizer operation to that subset.

49. (New) An apparatus comprising:

a speech recognizer for determining or verifying the identity of the speaker of received
spoken words by reference to recognition data corresponding to a set of possible
speakers; and

means responsive to receipt via of signals indicating the origin of said spoken words to
access stored information identifying a subset of the set of speakers and to
restrict the recognizer operation to that subset.